Farmers Federation News

Vol. XXXIV No. 3 NOVEMBER 1953

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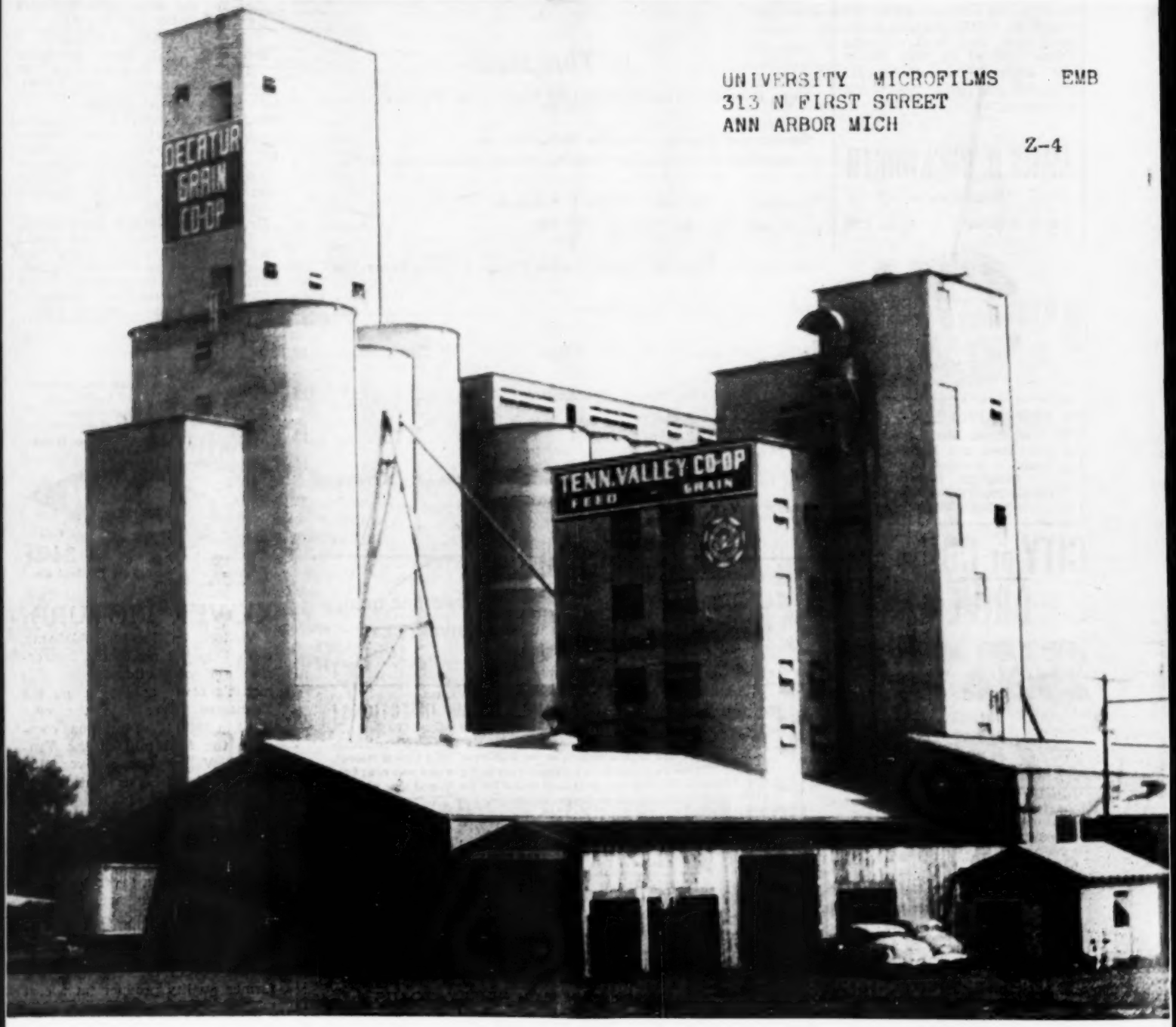

Quality And Economy Keynote Feed, Seed And Fertilizer Production At Tennessee Valley Co-operatives, Inc. Mill

SEE PAGE 4

FARMS FOR FARMERS

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Published Monthly By The Farmers Federation News, Inc.
131 Roberts St. — Asheville, N. C.

Robert G. Beard, Editor James G. K. McClure, Assoc. Editor
Rev. Dumont Clarke, Lord's Acre Editor

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Garden Notes—By Mrs. C. C. Profitt

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AVY

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MARVIN LORENZ, Supervisor of the Federation Freezer Locker Plants, has completed a fine remodeling of the Asheville and Hendersonville Locker Plants which will enable the boys at these plants to process a much larger volume of meat at greater convenience to our patrons. The cutting room at the Asheville Plant has been enlarged, new cutting tables have been added, and we can handle a great deal more meat than we formerly could in the same period of time. This will result in a better, faster processing job for our patrons. The office at the Asheville Locker Plant has been enlarged and extended. A mechanical bacon slicer has also been installed. This slices bacon many times faster than the small slicing machine and at a great saving of time and expense.

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So if you live in Rutherford County, remember that the deadline for getting Blue Cross Insurance in the Rutherford County group enrollment is November 14th. See one of the workers in your community or Glenn Abrams at the Forest City Warehouse for details about this hospital insurance.

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COVER PICTURE

Visitors to Decatur, Alabama, can't help but notice the impressive set of buildings on this month's cover as they cross the Tennessee River into the city. Built in 1947, these buildings comprise the feed mill of the Tennessee Valley Cooperatives, Incorporated, which is featured in a story on page 4 of this issue.

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MR. McCLURE

Guy M. Sales, our General Manager, and Glenn D. Hunt, Sales Manager, have gone to great pains to get the very best feed formulas for poultry and livestock feeds for our territory. Every day we get better reports on our Co-op Broiler Feed which is producing broilers at a cost of 21 cents per pound and less. Our Co-op Egg Breeder Mash is giving high egg production at low cost and enabling our Supply Flock owners to make money with hatching eggs. The Cooperative Mill is now producing our own dairy feed, one that's becoming more popular and producing lots of milk for dairymen using it.

These are very high quality feeds at the lowest prices we have ever been able to offer to the farmer. By having an interest in the Cooperative Mill, we can have feeds produced according to the exact formulas we want. We can see that they are priced right. Stop in today at your Federation Warehouse and have a look at the new Co-op Dairy Feed and Poultry Feed. You will find them in print bags or in the new red-and-white paper bag especially designed for Farmers Federation Feeds.

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Arrangements have been worked out with the Mount Hope Farm to supply us with replacement stock from year to year so that we will be able to furnish first generation Mount Hope birds to our members and patrons. This will give the Federation Hatchery the finest quality White Leghorn bird that we know of anywhere.

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Max Roberts Will Operate Tobacco Warehouse

MAX ROBERTS will again be in charge of the Carolina Tobacco Warehouse for the Farmers Federation. Max is known by hundreds of farmers in Western North Carolina and they all know him to be honest and fair. The Asheville Tobacco Market is expected to open the first week in December. So make your arrangements with Max Roberts to get space on the Carolina floor.

The Federation has again been designated to serve as the agent for the Commodity Credit Corporation in carrying on the Government Price Support Program for burley tobacco on the Asheville, Boone and West Jefferson markets. The Federation carries out this program without any charge to the farmer and during the past year it paid a dividend of $38,000 to burley growers whose 1949 crop was acquired by the CCC under the Price Support Program. Joe Higdon is in charge of this program for the Federation.

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Quality And Economy Keynote Feed, Seed And Fertilizer Production At Tennessee Valley Co-op. Mill

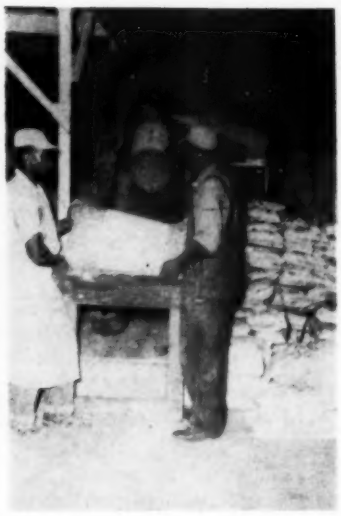
Decatur, Alabama, in the north central part of that state is the home of the Tennessee Valley Co-operatives, Incorporated, an organization dedicated to the production of high quality seed, feeds and fertilizers at prices low enough to compete with other well known brand name products. Located at the head of the Tennessee River where the use of barge transportation substantially lowers the freight cost, TVC enjoyed the greatest volume of business in its 17 year history during 1952-1953 when sales for the year totaled over $3,650,000 with mixed feed sales increasing 14% over the preceding year. This impressive business volume was based on the sales of mixed fertilizer, fertilizer materials, feed and grain, petroleum, seed and seed processing, and miscellaneous items.

Began in 1936

It was back in 1936 that TVC first got its start when Bill Owen founded an organization known as the Tennessee Fertilizer Co-operative, Inc., fertilizer being the only product manufactured during the first year of operation. Under Owen's direction the company began with a $11,400 investment, and at the end of the first year a net profit of $13,000 resulted. In 1936 E. P. Garrett present General Manager, joined the firm, and since then it has grown and expanded until today it holds high position among the mills of its type throughout the country.

The organizational set-up of TVC closely resembles that of the Farmers Federation and other co-operatives. Twenty-three retail county exchanges distribute TVC's seeds, feeds and fertilizers throughout Alabama, but unlike most cooperatives these exchange stores are separately incorporated and own stock in TVC. Each stockholder who owns $100 worth of stock is entitled to one vote at the company's stockholders' meetings, and each member of TVC is eligible to participate in the patronage refund declared by the company. In addition to the exchanges TVC distributes its products to independent retail outlets which are equally treated on a "first come first served" basis. The area of distribution includes East Mississippi, Alabama, Western North Carolina and West Georgia.

Barges like the one being unloaded above bring grain to the TVC Feed Mill from the Midwestern States, principally Illinois and Indiana. Because of its low cost barge transportation greatly reduces the cost of TVC feed.



TVC manufactures a complete line of feeds for the Farmers Federation in accordance with special N. C. State College-approved formulas. Shown above are workers piling up bags of feed in the feed mill completed in 1947.

Feed Mill

The principal reason for building the TVC feed mill at the head of the Tennessee River was to take advantage of the cheap cost of barge transportation which afforded a considerable saving in the freight cost of hauling grain. As a result this saving has been passed on to TVC's customers enabling them to buy feeds of unusually fine quality at prices that are lower than those of competing brands.

Built at a cost of $274,000 in 1947, the mill manufactures a complete line of feeds including starter, grower, broiler, layer, breeder, goat, horse & mule, sow & pig, pig & hog finisher, 16% dairy feed, 20% dairy feed, 24% dairy feed, calf starter, rabbit pellets and cattle fitting feed. Much of the grain used in the feed manufacture comes from the Midwest, principally from Indiana and Illinois. During the past year approximately 150,000 bushels of corn and 150,000 bushels of oats have poured into the Decatur mill. In addition to barge loads of grain from outside the state, a great deal of the local oat, corn and wheat production is bought by TVC for its feed manufacture.

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DROP US A CARD OR DIAL 3-6736 COLLECT

Approximately 25 tons of fertilizer an hour are produced at TVC's fertilizer plant. Two bag-out units, one in operation above, are capable of bagging out 300 tons each in eight hours.

During the past year 37,000 bushels of oats, 10,000 bushels of wheat and about 20,000 bushels of corn were purchased from local production in Alabama. Shipments of Canadian oats also were made to Dacatur to help the mill supply the growing demand for TVC feed. In addition to barge transportation Decatur is an ideal railroad center, and good highways make it also practical to use trailer trucks for hauling feed.

An automatic natural gas boiler has been installed at the feed mill which has about doubled the production through the pellet division. This boiler also makes it possible to steam-crimp oats since additional equipment has been installed.

Seed Plant

In April 1953 an important phase of TVC's operations was completed and put into service. The seed processing plant's seed dryer saved a tremendous amount of seed that otherwise would have been lost, and in the first six weeks of operation dried over 400,000 pounds of seed. The seeds are dried in sacks from 24 hours to three days by means of a two million BTU burner and special seven-bladed fan which creates the pressure forcing thermostatically controlled air through a tunnel to an opening under the sacks of seeds. The air in this tunnel never exceeds 110 degrees.

The seed processing plant has 1600 square feet for storing seeds or the equivalent of 30 truckloads can be accomodated at one time.

Fertilizer Plant

TVC's fertilizer plant represents a $275,000.00 investment. It has storage space for 15-18,000 tons and during shipping season operates two bagging out units which can ship over 700 tons per day. Volume of mixed fertilizer has varied from 26-29,000 tons for the last three years. Recently a phosphate acidulating plant for the manufacturing of 20% superphosphate was completed at a cost of $65,000.00. The acidulation is a continuous process and has a production capacity of 25 tons per hour with three men. The process involves treating approximately 1100# of ground phosphate rock from Florida with approximately 900# of sulphuric acid in order to drive off fluorine so that the phosphate is readily available for plants.

TVC and the Farmers Federation

The Farmers Federation is a member and one of TVC's largest accounts. Because the Federation's large volume of business in Western North Carolina justifies it, TVC manufactures feeds specially for the Federation in accordance with North Carolina State College approved formulas. These formulas call for the manufacture of feed to be used for livestock raised in Western Carolina's mountainous country.

In addition to E. P. Garrett, General Manager, other TVC officials include G. L. Braly, President; E. L. Morgan, Assistant Manager; George B. Hughston, Fertilizer Department Manager; Royce C. Wood, Feed and Grain Department Manager; J. M. Owen, Seed Department Manager, and Claude Fisher, Miscellaneous Department Manager. Guy M. Sales, General Manager of the Farmers Federation, is a member of the TVC's Board of Directors.

4-H Club Essay Contest

TVC sponsors a 4-H Club essay contest among the members of that organization in Alabama and has sent winners to Columbia, Missouri, to attend the American Institute of Cooperation. This year 233 youngsters took part in the essay contest. In addition to the 4-H Clubs and Future Farmers of Clubs and Future Farmers of America organizations, TVC has aided in extensively promoting an agricultural education program designed to help members of its own organization and other farmers build their income through new scientific farming methods. TVC works closely with the State Extension Service, PMA, SCS and the many other state and federal agricultural service organizations to help carry out this program.

Considering that it has only been in existence for 17 years, the Tennessee Valley Cooperatives, Inc., has made great progress, and indications are that its feed, seed and fertilizer production will grow in coming years. Suffice it to say that TVC will always adhere to its purpose—to put out a quality product at a competitive price.

The way to get ahead is to start NOW. —William Feather.

One of the most durable satisfactions in life is to lose oneself in ones work.

—Harry Emerson Fosdick.

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(Continued from the October 1953 Issue)

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George Rollins ..... Mill Spring, Rt. 1

Rutherford

C. L. McCluney...Rutherfordton, Rt. 1
Pineland Farms ..... Ellenboro

Watauga

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Appalachian State Teachers Col....Boone
Arlie Hodges ..... Valle Crusis

Yancey

D. R. McKinney ..... Burnsville, Rt. 1
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Farrell Penland ..... Hayesville
Buddy Hill ..... Hayesville
Floyd Saltz ..... Hayesville
Fred Deputy ..... Warne
Carry Hall ..... Warne
Larry Coleman ..... Brasstown
Franklin Dayton ..... Hayesville
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Richard Flemings ..... Hayesville
Bobby Gibby ..... Hayesville
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Dwight Cable ..... Hayesville
Sara Jane Hogsed .. Shooting Creek
Jack Gibson ..... Hayesville
Merle Brown ..... Warne
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Frank Burgin ..... Arden

O.I.C.

Caldwell

[illegible] Cloer ..... Hudson

Cherokee

[illegible] Kilpatrick ..... Murphy, Rt. 1
[illegible] Luther ..... Culberson

Clay

[illegible] Hall ..... Hayesville
[illegible] Scroggs ..... Brasstown
[illegible] McClure ..... Hayesville

Henderson

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W. H. Stevens ..... Asheville, Rt. 3
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Caldwell

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J. D. Street ..... Bakersville, Rt. 2
Benny Hollifield.....Spruce Pine, Rt. 1
C. S. Dale ..... Spruce Pine, Rt. 1
John Griffith ..... Relief
Eddy Lee Buchanan ..... Buladean
Todd Woody ..... Spruce Pine, Rt. 1
Frank Arthur Randolph .. Bakersville Rt. 4
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Brown Grindstaff ..... Toecane, Rt. 1
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Eddie Greene ..... Sugar Grove
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H. J. Gibbs ..... Burnsville, Rt. 1
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Hereford

Caldwell

R. V. Marley ..... Hudson, Rt. 1

Madison

W. R. O'Dell ..... Hot Springs

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W. O. Wike ..... Lenoir, Rt. 1
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(Continued on Page 13)

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RECOGNIZE any of these people? You should—because they are friends and neighbors of yours. Men and women of the South... in every walk of life. People like... *you!*

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This is the real strength of the modern South. This is its hope for the future. This is... *YOU!*

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President

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WASHINGTON, D. C.

SLAUGHTERING TIPS . . . . . .

With the killing and curing season just around the corner it is time again to pass along a few reminders to help attain a better product.

Actually, the killing operation of hogs starts twenty-four hours prior to kill time, because it is then that we should select the hog to be slaughtered and put him in a separate pen without feed until "kill time." The animal is denied feed for twenty-four hours before slaughter for several reasons. We know that an animal is easier to eviscerate if the intestines are not filled with bulk. Also, there are certain end products of digestion that remain in the blood stream for several hours after complete digestion. These end products can possibly cause off flavors in pork. This risk is eliminated by the twenty-four hour waiting period. Those two reasons, plus the fact that we also save a day's feed, makes the day's waiting period justified.

Use a Separate Pen

Having him in a separate pen simplifies catching him for the slaughter. It is not the best policy to have an animal excited at time of slaughter because under these conditions his heart will be beating faster than normal and his blood will have filled even his tiny arteries to capacity. Then, after the sticking, his body relaxes and many of the secondary arteries collapse before all the blood is out. The blood contains a lot of bacterial spoilage that stays in the carcass and reproduces as conditions permit causing either direct meat spoilage or off flavors.

Slaughtering Precautions

In sticking the hog, try to hit the jugular vein properly. Be sure your sticking knife is absolutely clean, and if the throat of the hog is unusually dirty it should be washed before inserting the knife. If these precautions aren't taken, the knife will carry bacteria into the animal and the blood will pump it throughout the carcass.

After bleeding to death the hog is ready for dehairing. For this operation we need a sizeable vat of hot water. It is hard to determine just what temperature the water should be because atmospheric conditions alter the softening action. Normally, however, a temperature around 145 degrees will do a good job.

Next, the entrails must be removed. Here again, we must exercise care so as to avoid cutting the intestines. If we cut the intestines we run the danger of getting spoilage bacteria on the meat, so immediate and thorough washing is essential should this happen.

Now your slaughtering job is completed. All that is left to do is to gambrel the carcass, wash it thoroughly, and get it placed under refrigeration as soon as possible.

Guernsey News

Two registered Guernsey cows, owned by John R. Kimberly, Tryon, N. C., have completed official Advanced Registry records, that were supervised by North Carolina State College and reported to the American Guernsey Cattle Club, for approval and publication.

On three times daily milking for 365 days, Eskdale Camille's Josephine, a senior three-year-old, registered cow, produced 14,864 pounds of milk and 751 pounds of butterfat. She is the daughter of the registered Guernsey sire Fanning Fields Maxim Noah, that has eight daughters in the Performance Register.

Bonnie Lee Livia of Elm Echo, produced 14,242 pounds of milk and 609 pounds of butterfat, milked three times daily for 365C days, as a six-year-old. "Livia" is the daughter of the registered Guernsey sire, Welcome-In Cupid, that has 23 sons and daughters in the Performance Register of The American Guernsey Cattle Club.

The registered Guernsey cow, Eskdale Maxim Noah's Buttercup, owned by John R. Kimberly, Tryon, N. C., has completed an official advanced Registry record of 12,552 pounds of milk and 595 pounds of butterfat, on three times daily milking, for 365 days, as a junior two-year-old.

"Buttercup" is the daughter of the registered Guernsey sire, Fanning Fields Maxim Noah, that has seven daughters in the Performance Register of The American Guernsey Cattle Club.

This record was supervised by North Carolina State College and reported to The American Guernsey Cattle Club for approval and publication.

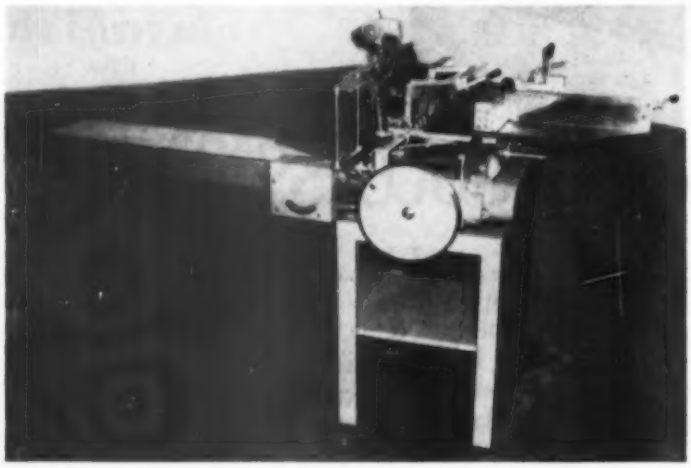
Little boy watching milkman's horse: "Mister, I'll bet you ain't gonna get home with your wagon."

Milkman: "Why?"

Little boy: " 'Cause your horse just lost all his gasoline."

Past failures are guideposts for future success.

—Nicholas Biddle.



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SAVE WORK!
SAVE MONEY!

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All Your Curing and Smoking Will Be Properly Handled In Any One Of The Three Curing Rooms And Two Smokers Now In Operation.

DROP IN FOR A FRIENDLY CHAT AND SEE THE NEW FULLY AUTOMATIC BACON SLICER IN OUR ASHEVILLE PLANT.

FARMERS FEDERATION FREEZER LOCKERS

PLANTS IN

ASHEVILLE
BREVARD
HENDERSONVILLE
MARION
SPINDALE
SPRUCE PINE
TRYON
WAYNESVILLE

Avery County
by H. W. Robertson

Alfalfa is fast becoming an important hay crop in Avery County. A few years ago all farmers in this area had the opinion that alfalfa was for other parts of the country and that Avery County was too high, too cold, or that the soil was not the type to produce this valuable hay crop. Their opinion is now in the process of changing completely. Almost every township in the county now has at least one farm that boasts of having a fine stand of vigorous growing alfalfa.

Some of the farmers who seeded their alfalfa in 1952 have been able to get three good cuttings of hay this year. Among these are George Ward, Todd Leeka, Ernest Hayes, and Alvin Jaynes. On several fields a fourth cutting could have been made if the alfalfa had not been grazed in the spring.

Alfalfa is a deep rooted perennial legume. It is high in protein and therefore valuable in any feed program. It will grow well on deep, well drained fertile soils if it is properly fertilized and seeded. Quite a few Avery farmers have seeded alfalfa this year and more are planning to seed it in 1954.

It is our best producer of high quality hay and a good soil conserving and soil building crop as well. It is our hope that before many years have passed, it will become the main hay crop in our county.

Mitchell County
by B. F. Patterson

Turning a liability into an asset is a good trick if you can do it. And when there is no cash outlay involved it is also very good business.

Twelve years ago Vernon Grindstaff of Bandana, N. C., had an eroded hillside above his house that in addition to being an eyesore was a menace to his house. For, as he said, every time it rained muddy water rushed off those gulleys down past his home.

Deciding to do something about his hazard, Mr. Grindstaff took advantage of a chance to get some white pine seedlings free, and set

(Continued on Page 12)

Proved! Grain Yields Are Greater with Armour's BIG CROP®

Farmer after farmer in this section has proved to himself that Armour's increases quality and yield of grain. Armour's BIG CROP is easy drilling, contains a proper balance of essential active plant foods. It's made to suit your soils and crops. See your friendly Armour agent right away.

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Woman's Page

by Mrs. S. C. Clapp

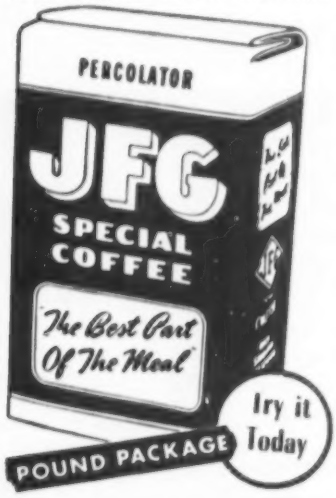
Straighten Out Your Kinks

Women are very prone to having aches and pains. Like any piece of machinery our bodies can get out of order. The body is a poor means of transportation when it gets out of order. Women get the "Miseries" in three areas—the back of the neck, between the shoulder blades and in the small of the back. We were built to stand, sit and walk with balance. That doesn't mean a ramrod posture but it does mean ease, grace and a spine that does its share of work and does it in the correct way.

We can learn to stand up straight by lying down. Lie down on your back on the floor. Put your hand under the small of your back—Do you feel that arch? It does not belong there. Pull your knees up, feet flat on the floor. Put your arms up over your head, out straight. Pull them slowly but keep them pressed against the floor down to your sides. Feel the little shifts in the back of your neck and between your shoulder blades. Now lower one knee slowly, straightening out the leg—but keep that arch out of your back. You are keeping your hips back and down. Try this for a few days—you will be very sore for the first time or two but it will take the kinks out and it will improve the posture.

A bulging stomach can ruin the appearance of any woman. It comes from muscles gone flabby or from poor posture as often as from overweight. To help this condition—give this exercise a trial. Lie flat on the floor and flatten your spine even if you have to bend your knees slightly. Raise legs and arms, and lift the body until hands touch the legs. Keep the stomach tucked in, then drop the legs hard, lower the arms and start again.

You will feel so much better after trying these exercises that you will feel repaid for your effort. Try these after a busy day and you will find it a quick way to rest. If you are tired and don't want to make any effort to exercise, try lying flat on the floor with the legs and feet slightly raised. This too will help to "straighten out the kinks"—get the kinks out and get rid of the "Miseries."



Did You Know?

It is time for you to begin checking your Christmas list? Why not try to make more of your Christmas gifts this year? The women's magazines are full of so many clever ideas. Put your personality into your gifts.

That strawberry and raspberry jam may be made from frozen berries?

That scissors make it easier to cut meats such as veal and chicken for salads?

Have You Tried This?
Apple Relish

7 pounds of quartered apples
3½ pounds of sugar
3 oranges
2 pounds seedless raisins
1 teaspoon ground cinnamon
1 teaspoon allspice
1 teaspoon ground clover
2 cups vinegar

Grind whole apples and whole oranges and raisins in food chopper. Add sugar, spices and vinegar and cook until it thickens. (This is good served with meats or can be used as a mincemeat substitute).

New Cabbage Salad

3 cups shredded cabbage
1 medium apple—cut up in small pieces—not peeled
1 banana (diced)
½ cup salad dressing

Shred cabbage, dice fruits and mix with salad dressing just before serving.

A Quick Dessert
Graham Cracker Puffs

Place a marshmallow on a graham cracker—Put in oven and brown marshmallow. (This is good when there is no dessert and one feels that a sweet is needed.)

KANSAS CREAM

Self-Rising

DELICATE WHITE CAKE

2 cups Kansas Cream Self Rising Flour
1 cup Sugar
½ cup Shortening
4 Egg Whites
⅔ cup Milk
1 tsp. Vanilla

Cream the sugar and shortening until well blended. Add the eggs and cream this mixture until light, but avoid excessive beating. Add the sifted Kansas Cream Self-Rising Flour alternately with milk. Flavoring may be added with the milk. Bake at 375° for 30-35 minutes.

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Garden Notes

By Mrs. C. C. Proffitt - Asheville Garden Club

What a contrast is this "Melancholy" month to bright October! The leaves have gone from the trees and no flowers remain in the garden unless perchance a few late mums; and even the sky has taken on a more somber hue instead of the intense blue of October days.

It is indeed a transition month when all nature prepares for the dormant winter season ahead. However, in spite of the drabness of the season there still remains much of interest and beauty in the out of doors, if we but look for it. For instance, have you noticed the intricate design of the bare tree branches especially if viewed in outline against the glow of an evening sky? Or, noted the rich tones and shades of the lovely evergreens which at this season begin to take on a waxed or polished appearance? Many other interesting things may be found if we should take a walk through the woods in November, that we would not notice during the growing season.

To the gardener, this month is round-up time when eleventh hour jobs are being done before tucking our garden to bed.

The last of the bulbs must be planted—tulips and Dutch Iris—which are usually the last to be put in. Lilies may be planted any time until the ground freezes.

Spring-flowering shrubs such as Forsythia, Lilac and Spirea may be planted this month. Established shrubs will benefit from a November application of plant food.

Evergreens should be well-watered before winter sets in as they are often injured from freezing when they are allowed to go into winter dry. (Here's hoping the water shortage will be over in time to do this). They should also have a mulch of leaves left around them to preserve moisture. This is especially important for broad-leaf evergreens.

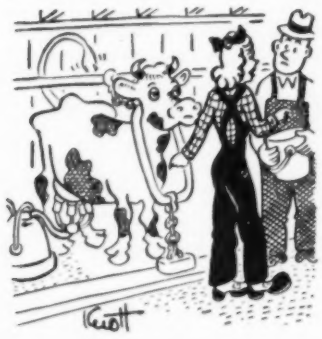
The rose bed should be cleaned of all old leaves, as a help in preventing disease another year. After the ground freezes a mulch of well-rotted manure may be spread on it, being careful not to let it come in too close contact with the rose stalk. Some growers hill up their roses with soil as a winter protective measure but many do not find that is always necessary here in our climate except for newly planted roses. Any very long rose canes should be pruned back to keep wind from lashing them back and forth during the winter, but other pruning is left until early spring.

Some care should be given to our Chrysanthemums now that they have finished blooming, first, making sure they are carefully labelled. Formerly we were told to cut off all old branches to about 6 inches of ground, before adding any protection. But some growers have found from experience that they seem to come through winter better if not cut back. For the choicer varieties, I would advise lifting clumps and resetting in some protected spot or in a cold frame for I have found that these better ones are not hardy if left in their regular bed, unless, perhaps, they are lifted and reset deeper. Chrysanthemums have the habit of growing so near the surface of the ground, that often their roots are exposed, which is one reason they winter kill easily.

It is still not too late to put in pansies and other biennials in the border, if weather permits.

Don't forget to check over and clean up bulbs, corms or tubers, lifted last month, which have been in temporary storage—like an open garage—and place in permanent storage. A sudden freeze may play havoc with them.

Now, that the yard is raked, the plants all tucked in and covered, and the tools hung up for a warmer, sunnier time, we can bid adieu to out-door gardening for a while, being thankful that we have had a good gardening year.



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DOGWOOD WANTED

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SUPPORT THE 2nd UNITED APPEAL

The Second United Appeal will give the people of Buncombe County an opportunity to enjoy for another year the many advantages resulting from the successful First United Appeal.

In the first year of uniting many separate campaigns into a single-package drive the people of Asheville and Buncombe County gave enough—for the first time in many years—to support the participating health, welfare and character-building agencies for a full year's operation.

There were other dividends resulting from the initial success. Eleven less drives were conducted—with great savings in time, money and effort. Donors could budget their giving since these agencies together asked only once; donors could give an adequate gift by spreading payment over the year. Services were improved by relieving the agency staffs of fund-raising so they could devote full time to their programs.

Furthermore Asheville and Buncombe County earned a reputation as a community that can and will take care of its own. This is a reputation the community can ill afford to lose. It was largely as a result of the startling success in Buncombe County that nearly every other major community in the state is joining the handful of pioneers in the United Way this fall.

This year the United Appeal—now tried and proven—will combine 14 drives in one and is seeking another resounding success.

Because so many worked and so many gave adequately this first success was possible. Only if everyone again pledges a fair share—an hour's pay a month—can the community repeat the success and retain its enviable reputation.

An hour's pay a month, translated into a United Appeal fair share pledge, goes to work in a multitude of ways for the giver: combatting delinquency through the worthwhile programs of the Y's, Scouts, Black Mountain and Weaverville recreation programs and Salvation Army youth program; aiding the blind and conserving sight through the Lion's Fund for the Blind; bringing together homeless babies and loving, adoptive parents through Children's Home Society; preventing crippling from polio through the Red Cross Gamma Globulin program; helping solve family problems—with emergency financial aid and with counseling—through Family and Children's Service, Good Samaritan Mission, Salvation Army and Hominy Valley Council; fighting America's number one killer, heart disease, through research by the American Heart Association, and many more.

During the past year the services of the United Appeal agencies have been extended more effectively into the rural sections of Buncombe County; another successful drive will assure that these services will reach out to more and more people.

Available at all Farmers Federation Warehouses

W. N. C. FAT STOCK SHOW ENTRIES

Among the entries in the 19th Annual W. N. C. Fat Stock Show held at Enka, N. C., Nov. 4th-5th, were Bill Gaddy, left, Waynesville, Route No. 3, and Jack Felmet, also Waynesville, Route No. 3. Both boys are 4-H Club members and belong to the Future Farmers of America.

SCS DISTRICT NEWS

(Continued from Page 9)

2,000 on those two acres. Now just twelve years later you have to get in the pines to see where the gulleys once were, and with the good coating of pine needles on the ground the water soaks in.

"It is hard to measure the satisfaction I get from just being able to see those pines there instead of the gulleys," Mr. Grindstaff said, "but I would not take $200.00 an acre now for the land, and I doubt if it was worth more than $5.00 when the pines were set."

TOBACCO FARMERS!

FOR THE BEST IN CHRISTMAS BARGAINS AND HOLIDAY SPECIALS SEE US FOR ALL CLOTHING AND HOME FURNISHING NEEDS.

REMEMBER . . . . We Are Always Glad to Cash Your Tobacco Checks!

Honest Values at Honest Prices

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Coke makes good food taste better

COCA-COLA BOTTLING COMPANY OF ASHEVILLE, N. C.
Plants at Asheville - Hickory - Forest City - Marion - Hendersonville

WE SPECIALIZE IN RECAPPING TRUCK TIRES IN ALL SIZES AND ARE ABLE TO GIVE SPEEDY RELIABLE SERVICE

For The Best In Recapping Or New Tires See

BILTMORE TIRE RECAPPING CO.

35 Hendersonville Rd. ASHEVILLE, N. C.

(Continued from Page 6)

Jackie Wilson ..... Marble, Rt. 1
Carson Rogers ..... Murphy, Rt. 1
T. J. Logan ..... Murphy, Rt. 2
Gilbert Mintz ..... Murphy, Rt. 3
Neva Jean Bates ..... Murphy, Rt. 3
Harold Coleman ..... Murphy, Rt. 3
Junior Graves ..... Murphy, Rt. 3
Billy Hugh Johnson ..... Murphy, Rt. 3

Graham

Ed Ingram ..... Robbinsville
Newall Ledbetter ..... Robbinsville
Dale Irons ..... Robbinsville
George Long ..... Robbinsville
Ray Worley ..... Robbinsville, Rt. 1
Guy Roberts ..... Robbinsville
Clyde Collins ..... Robbinsville

Jackson

John Ray Allman ..... Sylva, Rt. 1
Tommy McClure ..... Sylva, Rt. 1
J. E. Brown ..... East LaPorte
Buddy Parris ..... Sylva, Rt. 1
Noel Mathis ..... Sylva, Rt. 1
J. C. McCall ..... Cashiers
Kenneth Bryson ..... Cashiers
Fred Brown, Jr. ..... Erastus
Darrell Hooper ..... Cashiers
Velt Wilson ..... Sylva

Madison

Lawrence Ammons ..... Mars Hill, Rt. 1
Wayne Clark ..... Marshall, Rt. 1
Martin David Fox ..... Mars Hill, Rt. 1
Herschel McDavis ..... Mars Hill, Rt. 1
Glen Silvers ..... Hot Springs, Rt. 1
Garland Dale Shook, Flag Pond, Tenn., Rt. 1
Butch Suttles ..... Hot Springs, Rt. 1

Rutherford

C. J. Irwin ..... Ellenboro, Rt. 1

Swain

Beary Shuler ..... Bryson City, Rt. 1
Bragg Jones ..... Bryson City, Rt. 1
Ray Heddin ..... Alarka
Fred Warlick ..... Bryson City, Rt. 2
Ray Jacobs ..... Bryson City, Rt. 2
John Chambers ..... Bryson City, Rt. 1
Zenith Hyatt ..... Bryson City
Paul Bryson ..... Bryson City

Yancey

Johnny Ray ..... Burnsville, Star Route
Homer Robinson ..... Green Mtn., Rt. 1
Donald McMahan ..... Vixen

SHEEP

Hampshires

Avery

G. C. Puckett ..... Heaton
Sam Smith ..... Three Mile
Todd Luka ..... Newland
Ottis Smith ..... Banner Elk
Roby Smith ..... Banner Elk
Clarence Howell ..... Banner Elk
Tommy McCoury ..... Senia
Fred Moore ..... Heaton
J. O. Shell ..... Heaton
Clyde Cook ..... Banner Elk
R. C. Lowe ..... Banner Elk
F. W. Von Cannon ..... Banner Elk
Byrum S. Dobbins ..... Banner Elk
Earl Turbyfill ..... Newland

Buncombe

D. B. Duckett ..... Leicester, Rt. 2
Chester Cogburn ..... Candler
T. Walsh ..... Arden - Concord Road
T. C. Rogers ..... Fletcher, Rt. 1
W. D. Philps ..... Asheville Hendersonville Road
W. O. Robertson ..... Leicester
Laurence Brown ..... Black Mountain
Dr. R. C. Weaver ..... Asheville

Haywood

Jack T. Rogers ..... Clyde
L. M. Sherrill ..... Canton, Rt. 2
Fred Mann ..... Canton, Rt. 2
Hershel Hipps ..... Canton, Rt. 1
R. H. Boone ..... Waynesville, Rt. 1
Osborne Farm ..... Canton, Rt. 2
Sunburst Hereford Ranch, Canton, Rt. 3
M. D. Rogers ..... Clyde, Rt. 1
John T. Rogers, Jr. ..... Clyde, Rt. 1
M. O. Galloway ..... Waynesville
C. N. Allen ..... Hazelwood
H. V. Cagle ..... Canton, Rt. 1
Charlie Leatherwood, Waynesville, Rt. 2
R. L. Messer ..... Clyde, Rt. 1
Hershel Rogers ..... Clyde, Rt. 1

Henderson

Milo Ward ..... Hendersonville, Rt. 1
H. J. Bradley ..... Hendersonville, Rt. 5
B. M. Cantrell ..... Hendersonville, Rt. 5

Jackson

J. N. Youngblood ..... Norton
Brady Parker ..... Speedwell
John Paul Norton ..... Norton
Rex Coggins ..... Erastus
Henry L. Taylor ..... Speedwell
W. A. Crawford ..... Erastus

Macon

Westerbelt Turbune ..... Highlands
Gilmer A. Jones ..... Franklin

Madison

J. G. Metcalf ..... Mars Hill, Rt. 2

Mitchell

Ed Blevins ..... Bakersville
Frank Whitson ..... Bakersville, Rt. 2
George Garland ..... Bakersville, Rt. 2
Glenn Whitson ..... Bakersville, Rt. 1
T. C. Edwards ..... Bakersville, Rt. 1
Ed Wilson, Sr. ..... Bakersville
Clyde Byrd ..... Bakersville, Rt. 2
Luther Harrell ..... Bakersville, Rt. 2
Burl Tipton ..... Bakersville, Rt. 2

Polk

T. N. Wilcox ..... Tryon
Wayne Wilson ..... Mill Spring, Rt. 1

Swain

Jack Wiggins ..... Alarka

Watauga

Ralph Wilson ..... Vilas
W. W. Wilson ..... Sugar Grove
Howard Edmisten ..... Sugar Grove
Ernie Triplett ..... Banner Elk
Aud. L. Ward ..... Valle Crucis
Norris Brothers ..... Reese
Ned Glenn ..... Sugar Grove
Spencer Thomas ..... Mabel
A. W. Green ..... Boone, Rt. 2
J. Frank Wilson ..... Vilas
Clyde Moretz ..... Deep Gap
Sam Austin ..... Shulls Mills
J. S. Thomas ..... Mabel
Shipley Farm ..... Vilas
J. W. Norris ..... Boone
George Smitherman ..... Reese
H. E. Greene ..... Deep Gap
Tom Ward ..... Valle Crucis
Joe Wilson ..... Reese
R. C. Moretz ..... Zionville
Ben Norris ..... Reese
Bobby Gene Norris ..... Reese
Clint Reese ..... Reese
Vance Vines ..... Sugar Grove
Ed Love ..... Sugar Grove
Tom Lawrence ..... Vilas
Clint Mast ..... Vilas
John K. Perry ..... Sherwood
Chalmer Phillips ..... Reese
W. A. Proffitt ..... Zionville
B. W. Farthing ..... Sugar Grove
Clay Besheats ..... Boone, Rt. 3
Martin Yates ..... Banner Elk
Stacy Moody ..... Reese
Council Henson ..... Vilas
Fred Von Cannon ..... Banner Elk
Jake Von Cannon ..... Banner Elk

Yancey

H. E. Duncan ..... Burnsville, Star Route

GOATS

Henderson

Carl Sandburg ..... Flat Rock
Connemara Farms
Mrs. George P. Jamison ..... Hendersonville
Reid C. Dixon ..... Hendersonville, Rt. 5
Col. Frank J. Vida ..... Hendersonville
H. E. Baumberger ..... East Flat Rock
J. S. McClain ..... East Flat Rock

Burke

R. O. Huffman ..... Morganton

Jackson

Miss Alma Lassen ..... Sylva, Rt. 1

Polk

Ernest P. Hall, Jr. ..... Columbus
Mason L. Merrill ..... Mill Spring, Rt. 1
Bert Skeen ..... Saluda
G. C. Wahler ..... Tryon, Rt. 1
Mrs. Jessie Shattuck ..... Tryon, Rt. 1

Rutherford

David Lindsay ..... Rutherfordton
Memory Clements ..... Spindale
Paul S. Oden ..... Rutherfordton

don't let winter rust catch you napping

When it's lay-up time for your farm machinery don't *you* be caught napping! RIGHT NOW is the time to give your equipment complete all-winter protection.
Let Esso Rust-Ban products give the proper kind of protection to your valuable machinery NOW for longer life and bigger profits!

ESSO RUST-BAN 347 is easily, quickly applied with a rag swab or old brush to plows, cultivators, discs and other implements. This protective coating guards against rust and adds years of usefulness to your valuable farm machinery.

ESSO RUST-BAN 603 resists rust formation on inside of idle engines by forming a lasting film. Rust-Ban 603 gives dependable, all-winter, protective coating to cylinders, pistons and other inner precision parts. For best results follow directions when using.

Your ESSO FARM DISTRIBUTOR has a complete line of dependable Esso Farm Products—Esso Extra Motor Oil, Essolube HD, Esso Tractor Fuel, Esso Extra Gasoline—to help you get performance-plus from your tractor, truck, and other machinery.

ESSO MULTI-PURPOSE GREASE H—*one* top protection lubricant for *all farm machinery*. Eliminates excess storage and mistakes in application.

You can depend on **Esso** Farm Products

ESSO STANDARD OIL COMPANY

About 30,000 acres of woodland are burned every year in the United States. This is approximately one-twentieth of the nation's total forest area. There are 200,000 forest fires annually.

The Holstein - Friesian cow, Ormsby Rag Apple Alma, owned by Warren H. Wilson Vocational Junior College, Swannanoa, has completed the following record, 431 pounds butterfat, 13,564 po[illegible]ilk, 365 days, 2 milkings da[illegible]ars 5 months of age.

[illegible] was supervised by North Ca[illegible] State College of Agricultu[illegible] Engineering, in cooperatio[illegible] The Holstein-Friesian A[illegible]on of America.

STOP NUTRITIONAL DISEASES IN POULTRY

Overcome low egg production, run-down, unprofitable poultry—give your birds Dr. LeGear's Plus combined with Poultry Prescription. It's guaranteed* to stop nutritional diseases and, at the same time, it gives your flock the tonic boost needed for healthy appetites and high egg production.

*Satisfaction guaranteed or your money back.

DR. LEGEAR'S PLUS COMBINED WITH POULTRY PRESCRIPTION

Now Available At All Farmers Federation Warehouses

LIVESTOCK DIRECTORY ADDITIONS

[illegible] following names were omitted fr[illegible] Beef and Dairy Cattle Directory in the October issue:

BEEF CATTLE
Hereford

Tom Reeves & Sons ---------- Canton

DAIRY CATTLE
Ayrshires

Lynn Carroll ---------- Arden, Rt. 1

CALDWELL COUNTY STOCKHOLDER

Ted Kirby of Route No. 1, Granite Falls, recently inherited some Farmers Federation stock from his grandfather, W. M. Kirby. Ted is one of many young boys and girls who are now Federation Stockholders.

Mrs. Huntington Jackson, Fletcher, N. C., has a registered Jersey cow that recently completed a 304-day Herd Improvement Registry production record of 11,663 lbs. milk containing 591 lbs. butterfat at the age of 7 years and 9 months.

The official record was made by Green Pastures Brampton Toy and her tests were supervised by the University of North Carolina for The American Jersey Cattle Club, Jersey breed registry organization located at Columbus, Ohio.

The will of the people is the only legitimate foundation of any government, and to protect its free expression should be our first object. —Thomas Jefferson.

FINE ALFALFA IS GROWN

WITH

PLANTERS FERTILIZERS

2 - 12 - 12

WITH BORAX

WITHOUT BORAX

GET THE MOST OUT OF YOUR LAND.....

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Planters Fertilizer

For Sale At All

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NOK - OUT - WARFARIN

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WAREHOUSES
SOUTHERN CHEMICAL
COMPANY
Box 249
Hendersonville, N. C.

The Country Church With The Lord's Acre Plan

By REV. DUMONT CLARKE

Churches in Western North Carolina which have not planned a Harvest Thanksgiving and Ingathering Service are strongly urged to do so. Helpful information will gladly be sent upon request from the religious department of Farmers Federation.

Communications which are being received from various parts of the country—from New York State in particular—indicate that new emphasis is being given to these services and that the effort is being made to make them most meaningful, both spiritually and financially.

Junior Class Sacrificially at Work for the Lord

Mrs. D. E. Marlowe, teacher of the Junior Sunday School class in Glenwood Baptist Church, McDowell County, has led a splendid Lord's Acre class project. After the land had been graciously given by Mrs. M. E. Goforth, the pupils worked hard in clearing away brush. Then Mr. Marlowe plowed and disced the land. The pupils set the sweet potato slips and in the dry weather they carried water to each plant. The result is that the potatoes have grown beautifully. The members of the class, who have already worked so hard in the Master's Cause, plan to harvest a good crop, the proceeds to go toward the building fund of the Christian education building.

Andy Johnston helped in the Avery's Creek corn project described above.

A Travel Report From Missouri

The director of the religious department of Farmers Federation, after visiting church leaders in Tennessee and Kentucky, gave his first addresses on the Lord's Acre plan and Scripture-Prayer, on October 12th and 13th, at the Conference grounds of the beautiful and large Lake of the Ozarks in Central Missouri.

A Presbyterian rural pastors' institute, combining both the northern and southern branches of the Presbyterian Church, had provided three sessions in its agenda for the presentation and discussion of these Biblical practices. The responses were most encouraging, and some good reports of work already in progress were received.

This year a disheartening fact is the severe drought prevailing over the state. Thousands of cattle have been prematurely sold and the remaining cattle in the fields are distressingly thin. The entire State of Missouri has been declared a disaster area.

On Saturday morning, October 17th, the opportunity was given to make two radio talks at powerful Springfield, Missouri, broadcasting stations. One talk was a live broadcast on the popular farm program. The other was a recording for early use. This means that fresh, stimulating information upon the Lord's Acre plan will be in the minds of church people of many denominations over a large part of Missouri and in Kansas, Arkansas, Illinois and Oklahoma.

Roasting Corn Project Brings Good Return

Avery's Creek Methodist Church, Buncombe County, had a fine Lord's Acre roasting corn project this summer. The corn was grown on land given by S. E. Johnston, Jr., and in spite of the very dry weather, it produced well. About 424 dozen ears of corn were sold at 30c per dozen, bringing a total of $127.00 toward the completion of the new church building.

One of the excellent features of the project was not only the participation of the men of the church in preparing the ground and planting the crop, but also the boys in Mrs. Charlie Reed's class did the hoeing. These boys were: David and Edward Reed, Robert Ledbetter, Vernon Franks, Jerry and Grover Murray.

Scripture-Prayer Verse for November

"O give thanks unto the Lord, for he is good: for his mercy endureth for ever." Psalm 107:1.

OUR NATIONAL THANKSGIVING

It is a wonderful thing that in America we have a day of National Thanksgiving to God. Christian people, in particular, are heartened by the united recognition of God's blessings to our nation and in giving thanks to the Author of our well-being.

This year we are deeply thankful that the war in Korea is ended. We have many special blessings, besides, in our national life. In a greater measure than any other peoples, we enjoy the Four Freedoms—Freedom from Fear, Freedom from Want, Freedom of Speech, Freedom of Worship.

Mr. Clarke

With our world today, divided so sharply between the United States and other democratic nations on the one hand, and communist-dominated nations on the other hand, we should be most thankful that our nation, in its position of leadership, is so largely guided by Christian principles.

Through many generations, continuing in our church life today, we have built up a body of Christian ethics in our national life which is an invaluable asset. It deepens the loyalty of our own people, and gives us confidence that the future is full of hope. It greatly influences the attitude of other peoples toward us. Even when others are jealous of our prosperity, and when we are feared for some of our foreign policies, yet there is a great measure of faith in the integrity of our dealings. This is in complete contrast to the entire lack of faith in communist dealings with their own people and with people of other nations.

There are many proofs of this confidence in our national integrity. The recent West German elections strongly indicated faith in the world-purposes of the United States as opposed to communist purposes. Also, it is notable that refugees from communist lands are always thankful to find asylum in the United States.

Yet, even as we are thankful for these blessings to our people, we know that we must do all in our power to strengthen Christian ethical practices in every phase of our national life. There are so many evils in our land to be righted, there is so much moral and spiritual indifference, that we must, each of us, do our part unceasingly in helping to build a truly Christian nation.

Members of Junior Sunday School class, with pastor, Rev. Millard Hall, and teachers on their Lord's Acre sweet potato patch, Glenwood Baptist Church. See article above.

"A FINE DAIRY FEED"
Says Veteran Dairyman

CO-OP 16% MILKING RATION

One of Haywood County's long time dairymen is W. J. Smathers, Route 2, Canton, N. C. who will soon celebrate his 89th birthday. Owner of a fine herd of Guernsey cattle, Mr. Smathers is an enthusiastic user of Co-op 16% Milking Ration and has the following to say about it:

"It's a fine dairy feed. Our cows really go for it, and they seem to thrive on it. Also, for economy it's one of the best high quality feeds we've ever used."

EXTRA BULKY — HIGH DIGESTIBILITY

VITAMINS — MINERALS

PLENTY OF MOLASSES

A COMPLETE LINE OF CO-OP FEEDS

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FARMERS FEDERATION WAREHOUSES

STARTER — GROWER — BROILER — LAYER — BREEDER — GOAT — HORSE & MULE — SOW & PIG — PIG & HOG FINISHER — CALF STARTER — RABBIT PELLETS — 16% DAIRY FEED 20% DAIRY FEED — 24% DAIRY FEED — CATTLE FITTING FEED

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MANUFACTURED FOR FARMERS FEDERATION

——BY——

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